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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	36032/107	
Altorney Docket No.	30032/10/	
First Inventor	John Hubbert	<u>لة %</u>
Title	Radar System	ად ებ
Express Mail Label No.	EV 335506731 US	78 V82

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	ADDDE	SS TO:		ioner for Patents			
See MPEP chapter 600 concerning utility patent application contents.			ADDRE	33 10.	P.O. Box		
						a VA 22313-1450	
1. 🛛	Fee Transmittal Form (e.g., PTO/SB/17) Submit an original and a duplicate for fee processing)		<ol> <li>CD-ROM or CD-R in duplicate, large t Computer Program (Appendix)</li> </ol>				
. —	Applicant claims small entity status.						
_	See 37 CFR 1.27.				Nucleotide and/or Amino Acid Sequence Submission     (if applicable, all necessary)		
	Specification [Total Pages			eadable Form	n (CRF)		
	preferred arrangement set forth below)	s <u>23</u> ]	b. S	pecification	Sequence L	isting on:	
-	Descriptive title of the Invention				or CD-R (2 co		
	Cross Reference to Related Applications			Paper	`		
	Statement Regarding Fed sponsored R & D Reference to sequence listing, a table.		c. 🔲 S	tatements v	erifying iden	tity of above copies	
	or a computer program listing appendix			ACCOMPA	NYING APP	LICATIONS PARTS	
	Background of the Invention Brief Summary of the Invention		9. 🗆 /	Accianment	Paners (co)	ver sheet & document(s))	
	Brief Description of the Drawings ( if filed)			•	.73(b) Stater	` ''	
-	Detailed Description				is an assign		
	Claim(s) Abstract of the Disclosure		`		_	•	
-	Abstract of the Disclosure		11.     E	English Trai	nslation Doc	ument <i>(if applicable)</i>	
4. 🛛 🖸	Prawing(s) (35 U.S.C.113) [Total Sheet	ts 4 1	12. 🔲 I	nformation	Disclosure	Copies of IDS	
_	Declaration [Total Sheet				IDS)/PTO-14		
	•	s <u>2</u> ]	13.	Preliminary	Amendment		
	Newly executed (original or copy)		= =	=		(MPEP 503)	
b.	Copy from a prior application (37 CFR 1.	. ,,	_		specifically it	,	
	(for a continuation/divisional with Box 18	completed)	· `		•	Document(s)	
. i. 🗆	DELETION OF INVENTOR(S)			(if foreign priority is claimed)			
Signed statement attached deleting inventor(s)			16. 🛛 1	16. Nonpublication Request under 35 U.S.C. 122			
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				, ,, ,, ,,,		ust attach form PTO/SB/35	
6. □ Apr	olication Data Sheet. See 37 CFR 1.76			or its equiva			
	Silvation Data Sheet. See 37 Ci K 1.70		17. 🔲 (	Other:	_		
40 1/ 001	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the						
				intormation L	oelow and in t	ne tirst sentence of the	
	n following the title, or in an Application Data			-6	N		
☐ Conti	nuation ☐ Divisional ☐ Cont olication information: Examiner	inuation-in-pa	n (CIP)	Art Uni		o:/	
	UATION or DIVISIONAL APPS only: The entire di	sclosure of the	e prior applicatio			eclaration is supplied under Boy 5h	
is considere	d a part of the disclosure of the accompanying o	r divisional ap	plication and is	hereby incorp			
be relied upo	on when a portion has been inadvertently omitte	d from the sub	mitted application	on parts.	· · · · · ·		
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Name (Print/Type) Stephen S. Roch Regis				(Attorney/Age		52,176	
Signature					Data	4/22/04	
Signature :		z			Date	4/22/04	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number	applied for			
Filing Date	herewith			
First Named Inventor	John Hubbert			
Examiner Name				
Art Unit				
Attorney Docket No.	36032/107			

Check	METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)						
Deposit Account   Deposit Account   Soze2   Soze2   Soze1   Soze1   Soze1   Soze2   Soze1	Chack M Cradit card			3. ADDITIONAL FEES						
Deposit Account   Deposit Account   Soze22   Soze222				Large	Entity	Small E	Entity			
Deposit   Account   Surcharge - late of the provisional filing fee or oath   Number	☑ Deposit Account:			Fee	Fee	Fee	Fee			
Number				1					•	Fee Paid
Deposit Account Name		502622								
Account   Name   The Director is authorized to: (check all that apply)   Size   2,520   1812   2,520   1,520   1812   2,520   1,520   1,520   1,520   1,520   1,520   1,	Number	L		J	1052	50	2052	25		
Name				1	1053	130	1053	130	Non-English specification	
The Director is authorized to: (check all that apply)		Duft Setter Ollila & I	Bornsen LLC		1812	2,520	1812	2,520	For filing a request for reexamination	
		uthorized to: (chec	k all that apply)	j	1804	920*	1804	920*		
Total Claims   20   -20 *** =   0   X   =   0     1450   1450   1500   1800	□ Charge fee(s) in      □ Charge any add	ndicated below 🛭 ditional fee(s) during	Credit any overpayments g the pendency of this application	n	1805	1,840°	1805	1,840*	Requesting publication of SIR after	
Tell Calculation   1252   420   2252   210   Extension for reply within second month   1253   950   2253   475   Extension for reply within forth month   1254   1,480   2254   740   Extension for reply within firth month   1254   1,480   2254   740   Extension for reply within firth month   1254   1,480   2254   740   Extension for reply within firth month   1254   1,480   2254   740   Extension for reply within firth month   1254   1,480   2254   740   Extension for reply within firth month   1254   1,480   2255   1,005   Extension for reply within firth month   1255   2,010   2255   1,005   Extension for reply within firth month   1255   2,010   2255   1,005   Extension for reply within firth month   1255   1,005   Extension for reply within forth month   1255   1,005   Extension for reply within firth month   1255   1,005   1255   1,005   Extension for reply within firth month   1255   1,005   Extension for reply within firth month   1255   1,005   1255   1,005   1255   1,005   1255   1,005   1255   1,005   1255   1,005   1255   1255   1255   1255   1255   1255   1255   12					1251	110	2251	55	Extension for reply within first month	
1254   1,480   1255   1,005   1450   1451   1,510   1451   1,510   1451   1,510   1451   1,510   1451   1,510   1451   1,510   1451   1,510   1451   1,510   1451   1,510   1451   1,510   1,510   1451   1,510   1,	to the above identi		<del> </del>		1252	420	2252	210		
Large Entity   Small Entity   Fee	1. BASIC FI	LING FEE			1253	950	2253	475	Extension for reply within third month	
Code   (\$)   Cod	Large Entity S	Small Entity	Deposite		1254	1,480	2254	740		
1001   770   2001   385   Utility filing fee   385   1401   330   2401   165   Notice of Appeal   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   330   2403   145   1402   3403   145   1402   14					1255	2,010	2255	1,005	Extension for reply within fifth month	
1003   530   2003   265   Plant filling fee   1403   290   2403   145   Request for oral hearing   1404   1,510   1451   1,5			ty filing fee 385	7	1401	330	2401	165	Notice of Appeal	
1004   770   2004   385   Reissue filing fee   1451   1,510   14	1002 340 20	002 170 Des	ign filing fee	7.	1402	330	2402	165	Filing a brief in support of an appeal	
1005   160   2005   80   Provisional filling fee   1451   1,310   2452   55   Petition to revive – unavoidable   1453   1,330   2452   55   Petition to revive – unavoidable   1453   1,310   1454   1,310	1003 530 26	003 265 Plan	nt filing fee		1403	290	2403	145	Request for oral hearing	
SUBTOTAL (1) (\$) 385   1453   1330   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1453   1453   1350   1453   1453   1453   1453   1350   1453   14	1 1				1451	1,510	1451	1,510		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE    Extra   Fee from   Fee   Fee   Claims   below   Paid   1800   1807   50   1807   50   1807   50   Processing fee under 37 CFR 1.17 (q)   1806   180   1806   180   Submission of Information Disclosure   Submission of Information Disclosure   Submission after final rejection   (37 CFR § 1.129(a))   1202   18   2202   9   Claims in excess of 20   1801   770   2810   385   Request for Continued Examination (RCE)   1802   90   1802   90   1802   90   1802   90   1802   90   1802   90   Request for expedited examination of a design application   Cher fee (specify)   Submission after final rejection (and cover original patent   Cher fee (specify)   Submission of Information Disclosure   Submission after final rejection   (37 CFR § 1.129(b))	1005 160 20	005 80 Prov	visional filling fee		1452	110	2452	55	Petition to revive – unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from Fee Claims below Paid 1460 130 Petitions to the Commissioner 1807 50 1807	SUBTOTAL (1) (\$) 385			1453	1,330	2453	665	Petition to revive – unintentional		
Extra   Fee from   Fee   Delow   Paid   Submission of Information Disclosure   Strint   Recording each patent assignment   Submission after final rejection   Submission after final rejectio	``			1501	1,330	2501	665	Utility issue fee (or reissue)		
Total Claims	2. EXTRA CLAI								Design issue fee	
Total Claims										
Submission of Information Disclosure   Stmt   Stmt	Total Claims 20									
Multiple Dependent    Large Entity   Small Entity   Small Entity				7	1807	50	1807	50		
Dependent  Large Entity Small Entity Fee Fee Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1203 290 2203 145 Multiple dependent claims in excess of 3 1204 86 2204 43 **Reissue independent claims over original patent **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0   8021 40 8021 40 per property (times number of property)  1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  Other fee (specify)	Ciains	-3 = 0	X = 0	_	1806	180	1806	180		
Fee Code (\$) Fee Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims in operation original patent  1204 86 2204 43 **Reissue independent claims over original patent  **Reissue claims in excess of 20 and over original patent  **Reissue claims in excess of 20 and over original patent  **Reissue claims in excess of 20 and over original patent  **Reissue claims in excess of 20 and over original patent  **Reissue claims in excess of 20 and over original patent  **Characteristics of 20 and over original patent  **Reissue claims in excess of 20 and over original patent  **Characteristics of	Dependent	Small Entity	X = 0	╛	8021	40	8021	40	per property (times number of	-
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1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0	. ,,,	,,,	Claims in excess of 20	•	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** SUBTOTAL (2) (\$) 0	1201 86	2201 43 ·	Independent claims in excess of 3			- 1			examined (37 CFR § 1.129(b))	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0	1203 290	2203 145			1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 Reissue claims in excess of 20 and over original patent  Other fee (specify)  SUBTOTAL (2) (\$) 0	1204_ 86			1802	900	1802	900			
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**or number previously paid, if greater; For Reissues, see above	**or number previo	**or number previously paid, if greater; For Reissues, see above			reduc	·	ioic i iiiiig		(3) (3) (3) (4) (5)	

SUBMITTED BY				С	omplete (if applicable)
Name (Print/Type)	Stephen S. Roche	Registration No. (Attorney/Agent)	52,176	Telephone	(303) 938-9999 ext. 15
Signature	Re			Date	4/22/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Paternation Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

Telephone number

First Named Inventor		John Hubbert				
Title	Radar System					
Attv D	ocket Number	36032/107				

Typed or printed name

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.					
I hereby request that the attached application not be published under 35 U.S.C. 122(b).					
April 22, 2004					
Date	Signature				
(202) 020 0000 art 45	Stanban S. Dooba, Dog. 52,476				
(303) 938-9999 ext. 15	Stephen S. Roche, Reg. 52,176				

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.